



Tennessee Department of Environment and Conservation
Division of Water Pollution Control
L & C Tower Annex, 6th Floor
401 Church Street
Nashville, Tennessee 37243

Phase II Stormwater Permit Notice of Intent (NOI)
Phase II Municipal Separate Storm Sewer Systems (MS4)

PURPOSE

The purpose of this Notice of Intent (NOI) is for a Tennessee city, county, utility district, university or military base to apply for NPDES permit to discharge stormwater runoff from a Phase II municipal separate storm sewer system.

INSTRUCTIONS

You must provide the following information to the Division of Water Pollution Control as application material. You may either submit a hard copy of the original NOI as described in sub-part 2.3 of the MS4 Permit, signed in accordance with the signatory requirements of sub-part 6.7 of the permit, and a copy of the NOI, to the address shown in sub-part 1.2 of the permit for the EFO responsible for the county where the facility is located; or you may submit by e-mail, with the completed NOI and attachments (such as map and city ordinances) to phase.two@tn.gov.

In addition, send an original, hard copy letter, signed by the responsible official of the MS4, which makes reference to the e-mail transmission including date and time that the electronic submitted was made. The letter must contain the signatory statement found on the NOI form. The letter must be mailed to the Nashville Central Office address as defined in sub-part 1.2 of the MS4 permit.

After completing the questions in each section, list the Best Management Practices (BMPs) that you will implement in each area based on a set of priorities you have identified in the area. Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

After completing the BMP's in each section provide the administrative information to complete those BMP's as explained here:

Primary Contact and Position/Title	The person in your organization serving as the primary contact.
Other Department and Roles	Other departments within your organization involved in the project and how their role is identified.
Other Government Entity and Roles	Identification of other government entities responsible for implementing one or more of the BMP's. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.
Other Institutions and Roles	Identification of partnerships with another MS4 operator or institution (e.g., Chamber of Commerce, environmental interest organizations, civic groups) to achieve the BMP's.
Target Groups (if applicable)	Specific kinds of groups that will be targeted, such as service industries (i.e., carpet cleaning), civic groups, schools, and church groups, etc.

PART I
ADMINISTRATIVE INFORMATION

Name of city, county, stormwater utility district or other public institution that operates a Phase II MS4: Lenoir City, TN

<u>Tony R. Aikens</u> Responsible Elected Official or Officer	<u>Mayor of Lenoir City</u> Title
<u>600 East Broadway</u> Street Address	<u>Lenoir City</u> City
	<u>TN</u> State
	<u>37771</u> Zip Code

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PROGRAM CONTACT

Leslie Johnson

Name

ljohnson@lenoircitygov.com

Email Address

865-986-7224

Phone Number

TECHNICAL CONTACT

Leslie Johnson

Name

Same as Program Contact

Email Address

Same as Program Contact

Phone Number

☒ Attach an organizational chart that shows the different departments involved in stormwater management.

**PART II
DESCRIPTION OF STORM SYSTEM**

**ITEM A
AREA SERVED (IN SQUARE MILES)**

If city, town, university, or utility district: Give jurisdiction area within current corporate boundaries

7

If city, town, university, or utility district: Give additional area of urban growth boundary

19

If county: Give total area N/A Area unincorporated N/A Unincorporated, urbanized area (UA) N/A

If county, indicate by checking the appropriate box if the permit will be used to regulate non-UA portions of your county:

Entire county (unincorporated)

☐

Non-UA portions, as follows (describe below)

☐

**ITEM B
STORM DRAINAGE INFRASTRUCTURE**

Give figures for the following features of stormwater drainage infrastructure owned or operated by the local government. For a county government, indicate whether the figures represent the entire county or only the urbanized area. Figures for length and number of culverts and catch basins may be rough estimates.

For counties: Entire county

☐

Urbanized area only

☐

Storm Sewers

Unknown

Open Ditches

Unknown

Culverts

Unknown

Catch Basins

Unknown

Retention Basins

Unknown

Detention Basins

Unknown

**ITEM C
MAPS**

Please include a map or maps depicting the following information. A single map may be submitted, as long as the information is legible. If you are not able to provide all the information please mark the applicable check box and attach an explanation as to why the information has not been submitted:

Zoned areas for commercial or industrial activity

☐

State vocational, technical, college or universities*

☒

Actual areas of commercial or industrial activity

☐

Federal vocational, technical, college or universities*

☒

Other municipally owned/operated industrial activities

☐

City Roads

☐

Municipal or County Wastewater Treatment Plants

☐

County Roads

☐

Vehicle Fleet Maintenance Centers

☐

Perennial and intermittent streams

☐

Power Plants (TVA Bull Run)*

☒

Topography or Drainage Patterns

☐

Airports*

☒

Landfills*

☒

Military Installations*

☒

***The following are not located within Lenoir City and therefore could not be depicted: Power Plants, Airports, Military Installations, State or Federal vocational, technical, college or universities, or landfills. See Addendum 5.**

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**ITEM D
IDENTIFYING IMPAIRED STREAMS AND OTHER WATER BODIES**

Using the GIS mapping tool (<http://tnmap.tn.gov/wpc/>) along with the most current 303(d) list published on the division's web site (<http://www.tn.gov/environment/wpc/publications/#wqassessment>), identify whether stormwater discharges from any part of the MS4 contribute pollutants of concern to an impaired waterbody and list below: For any impairment, indicate the waterbody ID#, name of impacted waterbody, nature of pollution (cause), and the source. If you have additional streams to list, please include in a separate attachment.

WATERBODY ID# AND NAME OF IMPACTED WATERBODY	CAUSE OF IMPAIRMENT	SOURCE OF IMPAIRMENT
TN06010201038_1000/Town Creek	Loss of biological integrity due to siltation	Discharges from MS4 Area

**ITEM E
HAS THE STATE OR EPA ISSUED A TMDL FOR ANY STREAMS DIRECTLY AFFECTED BY RUNOFF FROM YOUR MS4?**

Determine whether or not a TMDL has been established and approved by EPA and identify by checking the appropriate box. A list of EPA-Approved TMDLs as well as EPA-Established TMDLs for Tennessee waters can be found on the division's web site (<http://www.tn.gov/environment/wpc/tmdl/approved.shtml>).

Yes ☐ No ☒ If yes, list the waterbody ID#, name of impacted waterbody and parameter(s) of concern:

WATERBODY ID# AND NAME OF IMPACTED WATERBODY	PARAMETERS OF CONCERN

If you have additional streams to list, please include in a separate attachment.

**PART III
EXISTING LEGAL AUTHORITY TO CONTROL STORMWATER DISCHARGES TO MS4**

You must review ordinances that are associated with stormwater discharges to your MS4. Attach a copy of ordinances that give your MS4 the authority to control stormwater discharges into the MS4 storm sewer system. Ordinances that deal with stormwater issues might be found, for example, in conjunction with litter control, prohibition of dumping, clean up of spills, grading/building permits, sewer connection ordinances, erosion and sediment practices, subdivision regulations or other land use/development ordinances.

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PART IV SIGNATURE OF RESPONSIBLE CORPORATE OFFICER

This Notice of Intent (NOI) must be signed as follows: For a municipality, state, federal, other public agency, and/or co-permittees by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes one of the following:

- i. The chief executive officer of the agency.
- ii. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ Signature	Mayor/Lenoir City _____ Title/Municipality	_____ Date
_____ Signature	General Manager/Lenoir City Utilities Board _____ Title/Municipality	_____ Date
_____ Signature	Street Superintendent/Lenoir City _____ Title/Municipality	_____ Date
_____ Signature	Storm water Administrator/Lenoir City _____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date

(Go to next page.)

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**PART V
YOUR PROPOSED STORMWATER QUALITY MANAGEMENT PROGRAM**

This NOI requires you to provide a brief description of your current and proposed activities as well as your Best Management Practices (BMPs) for a stormwater management program. The following sections correspond to the six minimum control measures for a Phase II stormwater management program. If another MS4 will be responsible for implementing any or all portions of any or all following six minimum measures, then attach either the interlocutory agreement or the proposed agreement and schedule for adoption. You must still complete this NOI by answering the relevant questions for the six following measures.

For purposes of this NOI, the Public Education and Outreach and Public Participation and Involvement minimum measures have been combined.

**SECTION 1
PUBLIC EDUCATION AND OUTREACH AND PUBLIC INVOLVEMENT/PARTICIPATION**

A. Current Activities:

The following is a set of questions on your current Public Education and Outreach and Public Involvement/Participation. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1. of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

1. Does the municipality currently distribute educational materials on the topics of stormwater quality, stream water quality, pollution impacts, pollution prevention, etc.? If yes, briefly describe the materials, including media used (e.g., written brochures, public service announcements, etc.); the topic(s) covered, intended target audience(s), and the distribution method.

Yes ☒
No ☐

Educational brochures describing watersheds and the importance of preserving water quality are available for distribution at the City of Lenoir City Municipal Building.

2. Does the municipality currently conduct or participate in public outreach activities focusing on the topics of stormwater quality, stream water quality, pollution impacts, pollution prevention, etc.? If yes, briefly describe the outreach activities, topic(s) covered, intended target audience(s), and the frequency of activities.

Yes ☒
No ☐

Stormwater and Solid Waste Department combine to conduct education outreach focused on pollution prevention and recycling.

3. Does the current municipal stormwater management program comply with Local, State and Federal public notice requirements? If yes, describe how the public is notified.

Yes ☒
No ☐

All public meetings (i.e. Planning Commission, Board of Zoning and Appeals) are advertised in local media

B. Proposed Activities:

List the BMPs that you will implement in the areas of Public Education and Outreach and Public Participation and Involvement. These should be based on a set of priorities that you have identified in the areas of Public Education and Outreach and Public Participation and Involvement. Provide a short descriptive name to the BMP in the left column. In the right column, more fully describe the BMP.

For Public Participation and Involvement BMPs, you may not desire to dictate the ways in which the public participates or is involved in the stormwater quality management program; in this case, your proposed program should provide a forum and a structure by which to encourage or allow the public to participate. On the other hand, there may be specific ways you do want the public to be involved, based on your program needs. For instance, you may want stream watch groups to be organized. As such, your proposed program should describe how you will accomplish this, and the time schedule.

PROPOSED BEST MANAGEMENT PRACTICES FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION		
BMP	Name	DESCRIPTION
1A.	Education for Students	Lenoir City proposes to coordinate with local high school and elementary school leadership to disseminate information about protecting water quality.
1B.	Construction Brochure	A targeted grading brochure will be developed and issued to the responsible party listed for each grading permit during the pre-construction phase.
1C.	PIE	Develop a Public Information and Education Plan (PIE) that details specific goals as outlined in the TDEC Phase II MS4 Permit.
1D.	Riparian Land Owners	A targeted brochure addressing riparian maintenance to be issued to each individual landowner adjacent to Town Creek.

If you have additional BMPs to list, please include in a separate attachment.

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What specific groups will be targeted (e.g., service industries such as carpet cleaning, lawn care, civic groups, schools, church groups) if applicable:

School-aged children, riparian land owners, contractors, Lenoir City Council
--

C. Measurable Goals and Implementation Milestones

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

D. Administrative Information

ADMINISTRATIVE INFORMATION FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION	
PRIMARY CONTACT	POSITION OR TITLE
Leslie Johnson	Planning Director/Stormwater Administrator

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Solid Waste	Solid Waste Dept conducts education and participates in clean-up events, household hazardous waste collections, and recycling efforts
Lenoir City Schools	Provide opportunities for classroom instruction on water quality

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

SECTION 2 ILLCIT DISCHARGE DETECTION AND ELIMINATION

The following are common sources of illicit discharges to an MS4:

- | | |
|---------------------------------|--|
| • Sanitary Wastewater | • Effluent from septic tanks |
| • Car wash wastewaters | • Improper oil disposal |
| • Radiator flushing disposal | • Laundry Wastewaters/gray water |
| • Spills from roadway accidents | • Improper disposal of auto and household toxics |
| • Carpet cleaning wastewaters | |

A. Current Activities

The following is a set of questions on your current Illicit Discharge Detection and Elimination Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1. of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

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STORM SEWER SYSTEM MAP

Does the municipality currently have a storm sewer system map completed for the entire regulated municipal separate storm sewer system? The map must depict, at a minimum: city streets, topography or drainage patterns, streams, and outfalls (points where the city or county-operated MS4 discharges into the streams or adjacent MS4s).

Yes ☒

No ☐

ILLICIT DISCHARGE ORDINANCES

1. Does the municipality currently have an ordinance or regulatory mechanism that prohibits non-stormwater discharges into the storm sewer system? If yes, please attach a copy of the ordinance and give page number(s) of this section of ordinance. If No, proceed to the next section (inspections and enforcement).

Yes ☒

No ☐

30

Page Number

Section 8.3

Ordinance Section Number

2. Does the ordinance or regulatory mechanism clearly define non-stormwater discharges, either through a written description of a non-stormwater discharge or through a listing of unallowable or allowable non-stormwater discharges?

Yes ☒

No ☐

3. Does the ordinance or regulatory mechanism allow right-of-entry on private property for inspection of suspected discharges?

Yes ☒

No ☐

4. Does the ordinance or regulatory mechanism prohibit dumping?

Yes ☒

No ☐

5. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to eliminate non-stormwater discharges in the event of violations? If yes, please note page number and paragraph number.

Yes ☒

No ☐

31

Page Number

2

Paragraph Number

6. Does the ordinance or regulatory mechanism define penalties for violations? If yes, please note maximum penalty, page number and paragraph number.

Yes ☒

No ☐

\$5000/day

Maximum Penalty

33

Page Number

4

Paragraph Number

7. Does the municipality have ordinance or other regulatory mechanism that prohibits contamination of stormwater runoff from "hot spots" including industrial and commercial properties, restaurants, auto repair shops, auto supply shops, and large commercial parking areas?

Yes ☒

No ☐

INSPECTION/SCREENING AND ENFORCEMENT PROCEDURES

1. Does the municipality presently have personnel and procedures in place for inspection and/or screening for non-stormwater discharges? If yes, please describe and indicate percentage of system inspected and/or screened.

Yes ☒

No ☐

City has dedicated staff and is currently developing a program plan for implementation of screening methodology. To date, there have not been any inspections performed.

2. Does the municipality presently have procedures and personnel in place for enforcement of violations of the illicit discharge ordinance? If yes, please describe.

Yes ☒

No ☐

Section 9 of the Stormwater Ordinance addresses enforcement against IDDE's.

3. How are enforcement actions documented?

Whenever possible, Stop Work Orders are verbally issued in the field. Written correspondence is issued to the responsible party via Notice of Violation along with timeline for compliance.

4. Has the municipality defined "hot spots" for non-stormwater discharge screening and inspections? If yes, please describe and provide a map of illicit discharge screening hot spots.

Yes ☐

No ☒

**The City plans to utilize a combination of land use and GIS data to isolate key areas for monitoring "hot spots" including discharge screening and inspections.*

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PUBLIC INPUT AND COMPLAINTS

1. Does the municipality presently have procedures in place to receive and consider information and complaints about non-stormwater discharges that are submitted by the public? If so, provide brief description: responsible departments, personnel, steps followed.

Yes ☒

Complaints are taken via telephone or website. After completion of field investigation by the Stormwater Administrator, appropriate measures are taken to abate the IDDE. Computer database system is being developed and implemented to document this process.

No ☐

EDUCATION

1. Has the municipality educated the public and businesses including auto parts supply, auto repair shop and restaurants, regarding ways to detect, prevent and eliminate illicit discharges? If yes, briefly describe the educational materials, including media used (e.g., written brochures, public service announcements, etc.), the topic(s) covered, intended target audience(s), and the distribution method.

Yes ☐

No ☒

****The City plans to explore the educational material from surrounding Counties through the partnership of the East TN MS4 Working Group and implement only those items that target potential IDDE's for their jurisdiction.***

B. Proposed Activities:

List the best management practices (BMPs) that you will implement in the area of Illicit Discharge Detection and Elimination. These should be based on a set of priorities that you have identified in the area of Illicit Discharge Detection and Elimination. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION		
BMP	Name	DESCRIPTION
2A.	Illicit Discharge Tracking Database	Purchase and implement CBI Systems MS4 Program Manager.
2B.	Outfall Mapping	Develop and build outfall mapping and strategically prioritize drainage basins for field investigation.
2C.	Identify Hot Spots through screening	Utilize digitally mapped contours to geographically reference potential "hot spots" based on land use practices.
2D.	Ordinance Amendments	Update ordinance to meet local needs and requirements of the newly issued MS4 Phase II Permit.

If you have additional BMPs to list, please include in a separate attachment.

What specific groups will be targeted, if applicable?

Auto service businesses and restaurants

C. Measurable Goals and Implementation Milestones

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

D. Administrative Information

ADMINISTRATIVE INFORMATION FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION	
PRIMARY CONTACT	POSITION OR TITLE
Leslie Johnson	Planning Director/Stormwater Administrator

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Loudon County GIS	Correlating land use practices with their relative proximity to waters of the State via GIS data.
N/A	N/A
N/A	N/A

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Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

SECTION 3
CONSTRUCTION SITE STORMWATER RUNOFF PROGRAM

A. Current Activities

The following is a set of questions on your current Construction Site Stormwater Runoff Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1. of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

CONSTRUCTION SITE RUNOFF ORDINANCES

1. Do the current ordinances/regulations for the municipal stormwater management program comply with Local, State and Federal public notice requirements? If yes, describe how the public is notified.

Yes ☒
 No ☐

Land Use Disturbance Permits are posted onsite. Lenoir City requires an erosion and sediment control plan developed in accordance with the TDEC Erosion and Sediment Control Handbook.

2. Do you currently have an erosion prevention and sediment control - or similar - ordinance or regulatory mechanism? If yes, include a copy and reference the page number(s). If No, proceed to the next set of questions below about construction site plans review.

Yes ☒ No ☐ 20 Page Number

3. Does the ordinance or regulatory mechanism require that site operators implement erosion prevention, sediment control, and other construction waste controls for land disturbance activities?

Yes ☒ No ☐

4. Does the ordinance/regulatory mechanism require (explicitly or implicitly) that controls be implemented for any land disturbances greater than or equal to one acre, or less than one acre if part of a large common plan of development or sale that would disturb one acre or more? If yes, note the page number and paragraph number where this is defined.

Yes ☒ No ☐ 20 Page Number 2 Paragraph Number

5. Does the ordinance or regulatory mechanism contain or reference technical standards for erosion and sediment control? If yes, note the page number and paragraph number where this is defined.

Yes ☒ No ☐ 20 Page Number 2 Paragraph Number

6. Do those technical standards meet or exceed the current effective Tennessee Construction General Permit (TNR100000) requirements for design storm and special conditions for impaired waters or exceptional waters?

Yes ☒ No ☐

7. Do those technical standards require that construction activities maintain temporary water quality buffers during construction?

Yes ☒ No ☐

8. Does the ordinance or regulatory mechanism clearly define the criteria - primarily who must submit - for submitting erosion and sediment control information or plans? If yes, note page number and paragraph number

Yes ☒ No ☐ 20 Page Number 2 Paragraph Number

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9. Does the ordinance or regulatory mechanism require approval by the local government prior to commencement of land disturbance activities? If yes, note page number and paragraph number.

Yes ☒ No ☐ 20 Page Number 2 Paragraph Number

10. Does the ordinance or regulatory mechanism require re-submittal of erosion and sediment control information or plans if site plans or conditions change during land disturbance activities? If yes, note page number and paragraph number.

Yes ☒ No ☐ 25 Page Number 1 Paragraph Number

11. Does the ordinance or regulatory mechanism allow right-of-entry for government officials onto construction sites for inspections? If yes, note page number and paragraph number.

Yes ☒ No ☐ 24 Page Number 5 Paragraph Number

12. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to STOP WORK in the event of non-compliance violations? If yes, note page number and paragraph number.

Yes ☒ No ☐ 24 Page Number 5 Paragraph Number

CONSTRUCTION SITE PLANS REVIEW

1. Does the municipality presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment construction for construction site runoff?

Yes ☒ No ☐

2. Does the technical review process require an erosion prevention and sediment control plan with appropriate BMPs?

Yes ☒ No ☐

3. Does the review process include a requirement for pre-construction meeting between the municipality and site developer, for priority construction sites, including at a minimum those construction activities discharging directly into, or immediately upstream of, waters the state recognizes as impaired or exceptional?

Yes ☒ No ☐

4. If there is a review process, provide a brief narrative or a flow chart of the process, describing the process steps, responsible personnel (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted.

*See Addendum 6

RESPONDING TO PUBLIC INPUT AND COMPLAINTS

1. Does the municipality presently have procedures in place for receipt and consideration of information and complaints submitted by the public?

Yes ☒ No ☐

If Yes, please provide a brief narrative of the receipt process and procedures, describing process steps, responsible departments, and personnel (by title). If available, provide information on complaint tracking, documentation, etc:

Complaints are received either via website or telephone and are addressed to the Department of Codes Enforcement and Planning. The concern is investigated by either Leslie Johnson (Planning Director/Stormwater Administrator) or Greg Butler (Stormwater Field Technician). Photos are taken to provide evidence. All the information is combined in a paper file and appropriate enforcement actions are pursued as outlined in the Ordinance. In the future, it is the intent of the City to database information electronically in CBI Systems MS4 Program Manager.

ENFORCEMENT AND INSPECTION PROCEDURES

1. Does the municipality presently have personnel and procedures in place for construction site runoff inspection?

Yes ☒ No ☐

2. Does the program provide for pre-construction meeting and monthly inspection of priority sites?

Yes ☒ No ☐

3. Does the municipality presently have procedures and personnel in place for enforcement to the maximum extent for violations of construction site requirements?

Yes ☒ No ☐

4. Does the municipality use a STOP WORK order to enforce non-compliance with construction site policies and requirements?

Yes ☒ No ☐

5. How are enforcement actions documented?

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Project folders with letters summarizing pertinent documents are stored digitally and backed up via paper folders. However, the City proposes to move documentation to the newly acquired CBI MS4 Program Manager Software Package.

TRAINING AND EDUCATION

1. Does the municipality presently make construction site runoff control training/information available to the public, developers, engineers, and contractors? (Be aware that the state of Tennessee regularly conducts erosion prevention and sediment control classes across the state. Local governments are encouraged to refer developers and contractors to these classes).

Yes ☒

No ☐

2. Has municipal staff completed state-sponsored training, including the Tennessee Fundamentals of Erosion Prevention and Sediment Control; and the Erosion Prevention and Sediment Control Design Course?

Yes ☒

No ☐

B. Proposed Activities:

List the best management practices (BMPs) that you will implement in the area of Construction Site Runoff Program. These should be based on a set of priorities that you have identified in the area of Construction Site Runoff Program. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITE RUNOFF PROGRAM		
BMP	Name	DESCRIPTION
3A.	Pre-Construction Meeting	Lenoir City will conduct pre-construction meetings. In addition, Responsible Party will be required to document that all BMP's are effectively installed prior to issuance of Lenoir City Grading Permit.
3B.	Construction Site Inspections	Lenoir City will conduct construction site inspections.
3C.	Ordinance Amendments	Amend Stormwater Ordinance to meet TDEC Phase II Stormwater Permit.
3D.	Tracking	Purchase and implement CBI Systems MS4 Program Manager to accurately document progress with construction sites.

If you have additional BMPs to list, please include in a separate attachment.

What specific groups will be targeted, if applicable?

Development Community

C. Measurable Goals and Implementation Milestones

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

D. Administrative Information

ADMINISTRATIVE INFORMATION FOR CONSTRUCTION SITE RUNOFF PROGRAM	
PRIMARY CONTACT	POSITION OR TITLE
Leslie Johnson	Planning Director/Stormwater Administrator

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
N/A	N/A
N/A	N/A
N/A	N/A

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

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Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

SECTION 4
PERMANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT
IN NEW DEVELOPMENT AND REDEVELOPMENT PROGRAM

A. Current Activities

The following is a set of questions on your current Permanent Stormwater Management in New Development and Redevelopment Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1. of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

STRUCTURAL AND NON-STRUCTURAL STRATEGIES

1. Does the municipality currently have in place mechanisms or strategies to address permanent stormwater runoff management from new development or redevelopment projects that result in land disturbance of one acre or more? For example, land use planning requirements, zoning directives, site-based local controls such as riparian buffer zone protection; storage or detention of stormwater prior to release to streams; practices to cause stormwater to percolate the soil rather than runoff immediately; vegetative practices.

Yes ☒

No ☐

If Yes, please provide a brief narrative of - and/or references to - the structural and non-structural strategies, describing strategies implemented, Best Management Practices allowed, technical guidance, responsible departments, and personnel (by title).

See attached Stormwater Ordinance (Addendum 2) and Lenoir City Zoning Resolution (Addendum 3).

PERMANENT STORMWATER CONTROLS SITE MANAGEMENT ORDINANCE

1. Do you currently have an ordinance or regulatory mechanism that addresses permanent stormwater runoff management from new development and redevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next section on permanent stormwater management plans review.

Yes ☒ No ☐ 28 Page Number 2 Paragraph Number

2. Does the ordinance or regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page number and paragraph number.

Yes ☐ No ☐ 28 Page Number 2 Paragraph Number

3. Does the ordinance or regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new development or redevelopment projects greater than or equal to one acre, including projects less than one acre that are part of a large common plan of development or sale, that discharge into your small MS4? If yes, note page number and paragraph number.

Yes ☒ No ☐ 26 Page Number 2 Paragraph Number

4. Does the ordinance or regulatory mechanism contain or reference technical standards for water quality controls (e.g., design of detention basins)? If yes, note page number and paragraph number.

Yes ☒ No ☐ 27 Page Number 1 Paragraph Number

5. Does the ordinance or regulatory mechanism clearly define the criteria for submittal -who must submit - of permanent stormwater management design information or plans? If yes, note page number and paragraph number.

Yes ☒ No ☐ 24 Page Number 5 Paragraph Number

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6. Does the ordinance or regulatory mechanism require approval prior to construction of permanent stormwater management controls? If yes, note page number and paragraph number.

Yes ☒ No ☐ 24 Page Number 4 Paragraph Number

7. Does the ordinance or regulatory mechanism require re-submittal of permanent stormwater management design information or plans if site plans change after the initial design has been approved? If yes, please note page number and paragraph number.

Yes ☒ No ☐ 25 Page Number 1 Paragraph Number

8. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to penalize the owner of permanent stormwater management controls for violations? If yes, note page number and paragraph number.

Yes ☐ No ☐ 25 Page Number 1 Paragraph Number

9. Does the ordinance or regulatory mechanism allow the municipality right-of-entry on property where permanent stormwater management controls are installed for inspections? If yes, please note page number and paragraph number.

Yes ☒ No ☐ 25 Page Number 1 Paragraph Number

10. Does the ordinance or regulatory mechanism require that permanent stormwater management controls have adequate and long-term operation and maintenance? If yes, please note page number and paragraph number. If no, how does the MS4 owner/operator maintain permanent stormwater management controls?

Yes ☒ No ☐ Yes, page 28 and paragraph 2 of the Stormwater Ordinance.

11. Does the ordinance or regulatory mechanism require establishment and maintenance of water quality buffers in areas of new development and redevelopment?

Yes ☒ No ☐

PERMANENT STORMWATER MANAGEMENT PLANS REVIEW

1. Does the municipality presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment with regard to the impact that permanent stormwater runoff will have on receiving streams?

Yes ☒ No ☐

If Yes, provide a brief narrative or a flow chart of the review process, describing the process steps, responsible personnel (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted.

See Addendum 6.

B. Proposed Activities:

List the best management practices (BMPs) that you will implement in the area of the Permanent Stormwater Management Plans Review Program. These should be based on a set of priorities that you have identified in the area of the Permanent Stormwater Management Plans Review Program. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR PERMANENT STORMWATER MANAGEMENT PLANS REVIEW		
BMP	Name	DESCRIPTION
4A.	LCUB Monitoring	Partner with LCUB to more effectively manage water quality monitoring requirements between the City and the Utility.
4B.	Mapping	Establish plan to update newly constructed permanent BMPs while incorporating information about existing permanent BMP's.
4C.	Quality Assurance Program	Require certification by professional engineer that preliminary erosion and sediment control measures have been installed prior to issuing Grading Permit or conducting Pre-Construction Meeting.
4D.	Mitigation Pan	Explore the potential to develop a mitigation plan in accordance with the recently released MS4 Phase II Permit.

If you have additional BMPs to list, please include in a separate attachment.

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What specific groups will be targeted, if applicable?

Development Community

C. Measurable Goals and Implementation Milestones

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

D. Administrative Information

ADMINISTRATIVE INFORMATION FOR PERMANENT STORMWATER MANAGEMENT PLANS REVIEW	
PRIMARY CONTACT	POSITION OR TITLE
Leslie Johnson	Planning Director/Stormwater Administrator

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
N/A	N/A
N/A	N/A
N/A	N/A

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

SECTION 5
POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

A. Current Activities

The following is a set of questions on your current Pollution Prevention/Good Housekeeping for Municipal Operations Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1. of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

STAFF EDUCATION AND TRAINING

1. Does the municipality's current operation and maintenance program provide annual training for staff on preventing and reducing stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance?

Yes ☒

No ☐

2. Are training activities documented? If yes, please describe training and method of record-keeping.

Yes ☒

No ☐

Lenoir City submitted a Corrective Action Plan documenting the City's efforts to engage the street department crews and while addressing housekeeping issues at the Operational Facility.

MUNICIPAL OPERATIONS POLLUTION PREVENTION

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1. Does the municipality's operations and maintenance program have policies and procedures in place that address pollution prevention? If yes, please describe procedures. Consider the following in your response: maintenance activities, maintenance schedules; long term inspection procedures for structural and non-structural stormwater controls to reduce floatables and other pollutants; controls for reducing or eliminating the discharge of pollutants from streets, roads, highways; controls for reducing or eliminating pollutants from municipal parking lots, maintenance and storage yards, fleet or maintenance areas with outdoor storage areas, salt/sand storage areas, snow disposal areas, waste transfer stations; disposal of waste removed from storm sewers and the areas listed above; and assessment of impacts on water quality from new flood management projects.

Yes ☐
 No ☒

**Educational efforts, in the past, have been random and haphazard. It is the intent of the City to formalize their approach through the application of a Public Information and Education Plan (PIE) as outlined in Section 1.*

MUNICIPAL INDUSTRIAL ACTIVITIES

1. Has the MS4 owner/operator obtained a Tennessee Multi-Sector General Permit or a no-exposure waiver for all qualifying municipal industrial activities? If yes, please give permit numbers or attach copies of the No-Exposure Certification form.

Yes ☐

No ☒

Permit Number(s) _____

2. List municipally-owned or operated facilities that have a notable potential for contaminating runoff: for example - vehicle maintenance garages; waste transfer operations; golf courses; salt or other materials storage; landfill. If more than one facility for a given type of operation; give the number of such facilities. Indicate if any of these are covered by an NPDES permit. Is there a documented pollution prevention plan in place for these facilities?

FACILITY OR TYPE OF OPERATION	NUMBER OF FACILITIES	IS ACTIVITY COVERED BY NPDES PERMIT?	IS A POLLUTION PREVENTION PLAN IN EFFECT?
Lenoir City Street Department	1	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
LCUB Equipment Storage Yard	1	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

B. Proposed Activities:

List the best management practices (BMPs) that you will implement in the area of the Pollution Prevention and Housekeeping Program. These should be based on a set of priorities that you have identified in the area of the Pollution Prevention and Housekeeping Program. Provide a short descriptive name to the BMP in the left column and more description in the right column.

In addition to considering industrial-type operations, you must also consider municipal infrastructure, and related maintenance activities, maintenance schedules and long-term inspection procedures for structural controls and the proper disposal of waste from storm sewers/catch basins, etc. Also included in this program area is discharge of pollutants from roads and parking lots

PROPOSED BEST MANAGEMENT PRACTICES FOR POLLUTION PREVENTION AND HOUSEKEEPING		
BMP	Name	DESCRIPTION
5A.	Training Program	Develop pollution prevent training program for municipal and LCUB staff.
5B.	Vehicle Wash Bay	Stormwater Department will work with Street Department to design and construct a vehicle wash bay to protect surface waters from discharges of pollutants.
5C.	Salt Storage Facility	Lenoir City will install a salt storage facility which protects stormwater systems from discharges of pollutants.
5D.	Chemical Application	Work with LCUB, Lenoir City Street Department, and Lenoir City Schools to develop a training program for chemical control use.

If you have additional BMPs to list, please include in a separate attachment.

What specific groups will be targeted, if applicable?

LCUB and Lenoir City Street Department

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C. Measurable Goals and Implementation Milestones

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

D. Administrative Information

ADMINISTRATIVE INFORMATION FOR POLLUTION PREVENTION AND HOUSEKEEPING	
PRIMARY CONTACT	POSITION OR TITLE
Leslie Johnson	Planning Director/Stormwater Administrator

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
N/A	N/A
N/A	N/A
N/A	N/A

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
N/A	N/A
N/A	N/A
N/A	N/A

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ADDENDUM TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND MILESTONES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures. If necessary, please attach additional BMP MEASURABLE GOALS AND MILESTONES as a separate attachment.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP. The BMPs you list here should match exactly those given in Part V., 1-5 of this NOI. For purposes of this NOI, the Public Education and Outreach and Public Involvement/Participation minimum measures have been combined.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year.

BEST MANAGEMENT PRACTICES FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION	
BMP 1A	MEASURABLE GOALS AND MILESTONES
Goal(s)	Educate Lenoir City Students on protecting water quality.
Milestone Year 1	Identify appropriate ages and coordinate curriculum with Lenoir City School Leadership and Educators.
Milestone Year 2	Offer instruction to 5 classrooms, including Lenoir City School System, Teachers, or after school programs.
Milestone Year 3	Offer instruction to 5 classrooms, including Lenoir City School System, Teachers, or after school programs.
Milestone Year 4	Offer instruction to 5 classrooms, including Lenoir City School System, Teachers, or after school programs.
Milestone Year 5	Offer instruction to 5 classrooms, including Lenoir City School System, Teachers, or after school programs.
BMP 1B	MEASURABLE GOALS AND MILESTONES
Goal(s)	Distribute grading permit brochure with each permit.
Milestone Year 1	Continue to distribute brochure during pre-construction meeting.
Milestone Year 2	Continue to distribute brochure during pre-construction meeting.
Milestone Year 3	Evaluate brochure on effectiveness and pertinence to existing stormwater practices, update accordingly. Continue to distribute brochure during pre-construction meeting.
Milestone Year 4	Continue to distribute brochure during pre-construction meeting.
Milestone Year 5	Continue to distribute brochure during pre-construction meeting.
BMP 1C	MEASURABLE GOALS AND MILESTONES
Goal(s)	Develop an Public Information and Education Plan (PIE) that details specific foals as outlined in the TDEC Phase II MS4 Permit.
Milestone Year 1	Write plan.
Milestone Year 2	Implement plan accordingly.
Milestone Year 3	Implement plan accordingly.
Milestone Year 4	Implement plan accordingly.
Milestone Year 5	Implement plan accordingly.
BMP 1D	MEASURABLE GOALS AND MILESTONES
Goal(s)	Update Buffer Ordinance and distribute to affected properties along with riparian landowner maintenance guides.
Milestone Year 1	Update Buffer Ordinance.
Milestone Year 2	Research existing guides for maintenance practices on riparian lands.
Milestone Year 3	Database all Lenoir City residents that own land adjacent to the stream impacted by the Buffer

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	Ordinance and distribute information accordingly.
Milestone Year 4	Respond to comments from mass mailing distribution.
Milestone Year 5	Respond to comments from mass mailing distribution.

BEST MANAGEMENT PRACTICES FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION	
BMP 2A	MEASURABLE GOALS AND MILESTONES
Goal(s)	Purchase and implement program management tracking database.
Milestone Year 1	Issue purchase order for software.
Milestone Year 2	Team with software vendor to provide training for Lenoir City Staff on program management software.
Milestone Year 3	Document and track all applicable MS4 Program Activities.
Milestone Year 4	Document and track all applicable MS4 Program Activities.
Milestone Year 5	Document and track all applicable MS4 Program Activities.
BMP 2B	MEASURABLE GOALS AND MILESTONES
Goal(s)	Map outfalls and develop strategy for field investigation of IDDE's.
Milestone Year 1	Work with Loudon County GIS to overlay outfall mapping and better characterize the City's drainage basins.
Milestone Year 2	Locate potential hot-spots for IDDE's based on land-use and outfall mapping information.
Milestone Year 3	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
Milestone Year 4	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
Milestone Year 5	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
BMP 2C	MEASURABLE GOALS AND MILESTONES
Goal(s)	Map land-use practices and develop a strategy for field investigation of IDDE's.
Milestone Year 1	Work with Loudon County GIS to overlay land-use practices.
Milestone Year 2	Locate potential hot-spots for IDDE's based on land-use and outfall mapping information.
Milestone Year 3	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
Milestone Year 4	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
Milestone Year 5	Perform monitoring, evaluate potential hot-spots, and eliminate identified pollutant sources.
BMP 2D	MEASURABLE GOALS AND MILESTONES
Goal(s)	Update ordinance.
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	Review and amend Lenoir City Stormwater Ordinance, if necessary.
Milestone Year 4	
Milestone Year 5	

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITE RUNOFF PROGRAM	
BMP 3A	MEASURABLE GOALS AND MILESTONES
Goal(s)	Hold pre-construction meeting for development projects. The meetings will allow Lenoir city to explain construction site runoff control procedures on a site specific basis.
Milestone Year 1	Lenoir City will document pre-construction meetings.
Milestone Year 2	Lenoir City will document pre-construction meetings.
Milestone Year 3	Lenoir City will document pre-construction meetings.
Milestone Year 4	Lenoir City will document pre-construction meetings.
Milestone Year 5	Lenoir City will document pre-construction meetings.

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BMP 3B	MEASURABLE GOALS AND MILESTONES
Goal(s)	Conduct construction site inspections to validate implementation of the SWPPP.
Milestone Year 1	Lenoir City will document construction site inspections.
Milestone Year 2	Lenoir City will document construction site inspections.
Milestone Year 3	Lenoir City will document construction site inspections.
Milestone Year 4	Lenoir City will document construction site inspections.
Milestone Year 5	Lenoir City will document construction site inspections.
BMP 3C	MEASURABLE GOALS AND MILESTONES
Goal(s)	Update ordinance.
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	Review and amend Lenoir City Stormwater Ordinance, if necessary.
Milestone Year 4	
Milestone Year 5	
BMP 3D	MEASURABLE GOALS AND MILESTONES
Goal(s)	Development field checklist for documentation of inspections performed at each construction site.
Milestone Year 1	Summarize field inspection reports and input into database tracking system.
Milestone Year 2	Document field inspections through tracking system.
Milestone Year 3	Document field inspections through tracking system.
Milestone Year 4	Document field inspections through tracking system.
Milestone Year 5	Document field inspections through tracking system.

BEST MANAGEMENT PRACTICES FOR PERMANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT PROGRAM

BMP 4A	MEASURABLE GOALS AND MILESTONES
Goal(s)	Partner with LCUB to eliminate overlap and more efficiently address monitoring.
Milestone Year 1	Set-up initial meeting to coordinate permit requirements and develop a plan.
Milestone Year 2	Perform field monitoring and analyze to identify pollutant sources.
Milestone Year 3	Perform field monitoring and analyze to identify pollutant sources.
Milestone Year 4	Perform field monitoring and analyze to identify pollutant sources.
Milestone Year 5	Perform field monitoring and analyze to identify pollutant sources.
BMP 4B	MEASURABLE GOALS AND MILESTONES
Goal(s)	Plan to update maps with newly constructed while incorporating existing BMP's.
Milestone Year 1	Meet with Loudon County GIS to identify proper structure for data retrieval and storage.
Milestone Year 2	Begin field work and establish mechanism for as-built information.
Milestone Year 3	Continue implementation.
Milestone Year 4	Continue implementation.
Milestone Year 5	Continue implementation.
BMP 4C	MEASURABLE GOALS AND MILESTONES
Goal(s)	Require certification by professional engineer on preliminary erosion control measures.
Milestone Year 1	Hold grading permit until certification letter is provided from professional engineer.
Milestone Year 2	Hold grading permit until certification letter is provided from professional engineer.
Milestone Year 3	Hold grading permit until certification letter is provided from professional engineer.
Milestone Year 4	Hold grading permit until certification letter is provided from professional engineer.
Milestone Year 5	Hold grading permit until certification letter is provided from professional engineer.

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BMP 4D	MEASURABLE GOALS AND MILESTONES
Goal(s)	Explore Mitigation Plan.
Milestone Year 1	Collect information.
Milestone Year 2	Address specific advantages and consider avenues to promote low impact development.
Milestone Year 3	Target a specific project for implementation.
Milestone Year 4	Track and evaluate effectiveness of approach.
Milestone Year 5	Consider approach for wide-spread application.

BEST MANAGEMENT PRACTICES FOR MUNICIPAL POLLUTION PREVENTION AND GOOD HOUSEKEEPING	
BMP 5A	MEASURABLE GOALS AND MILESTONES
Goal(s)	Train staff on pollution prevention.
Milestone Year 1	Develop curriculum and offer staff training opportunities.
Milestone Year 2	Update curriculum, if necessary, and offer staff training opportunities.
Milestone Year 3	Update curriculum, if necessary, and offer staff training opportunities.
Milestone Year 4	Update curriculum, if necessary, and offer staff training opportunities.
Milestone Year 5	Update curriculum, if necessary, and offer staff training opportunities.
BMP 5B	MEASURABLE GOALS AND MILESTONES
Goal(s)	Design and build a wash bay for the Lenoir City Street Department.
Milestone Year 1	Work with experts to design and route water from wash bay to wastewater collection system.
Milestone Year 2	Construct newly designed wash bay.
Milestone Year 3	Instruct Lenoir City Staff Members on utilization of wash bay to drain water from vehicles.
Milestone Year 4	Instruct Lenoir City Staff Members on utilization of wash bay to drain water from vehicles.
Milestone Year 5	Instruct Lenoir City Staff Members on utilization of wash bay to drain water from vehicles.
BMP 5C	MEASURABLE GOALS AND MILESTONES
Goal(s)	Design and build a salt storage facility for the Lenoir City Street Department.
Milestone Year 1	Work with experts to design salt storage facility to protect stormwater.
Milestone Year 2	Construct designed salt storage facility.
Milestone Year 3	Instruction crews on utilization of salt storage facility.
Milestone Year 4	Instruction crews on utilization of salt storage facility.
Milestone Year 5	Instruction crews on utilization of salt storage facility.
BMP 5D	MEASURABLE GOALS AND MILESTONES
Goal(s)	Develop long-term operation and maintenance plan.
Milestone Year 1	Scope out activities that to designate under long-term maintenance.
Milestone Year 2	Identify practical ways to perform city operations that protect water quality.
Milestone Year 3	Formulate plan.
Milestone Year 4	Education and train staff on plan.
Milestone Year 5	Implement plan.